FIG.1

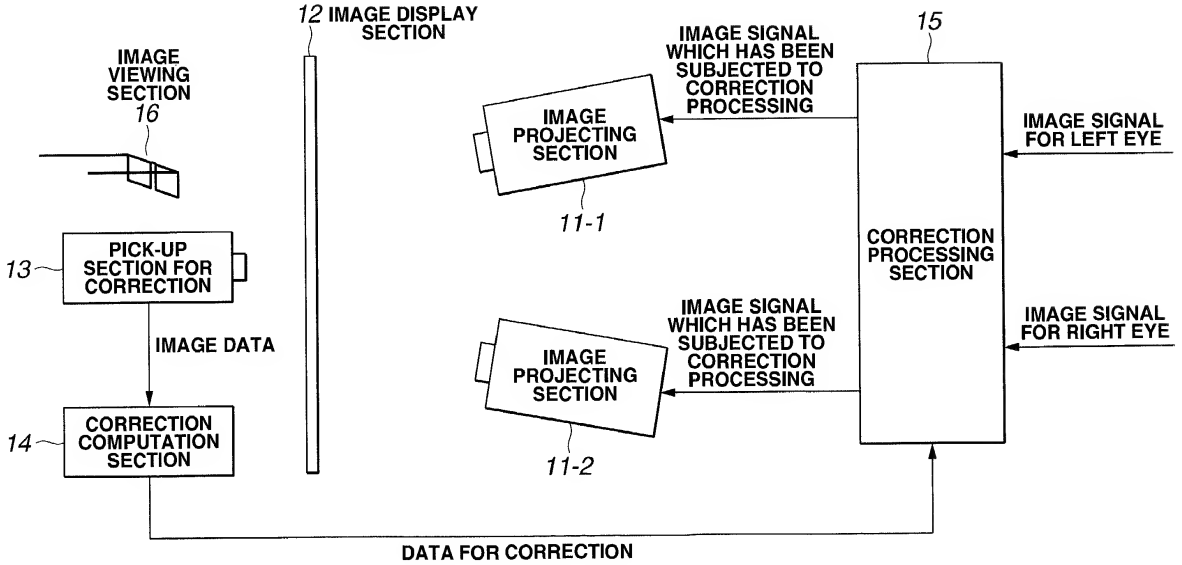


FIG.2

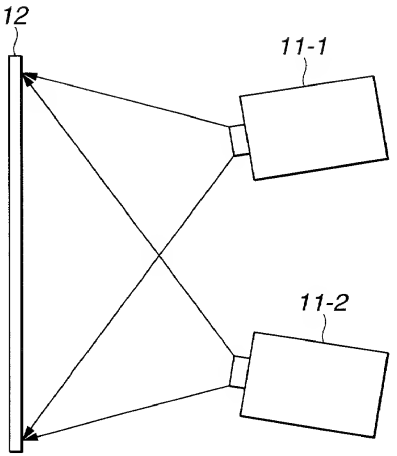


FIG.4

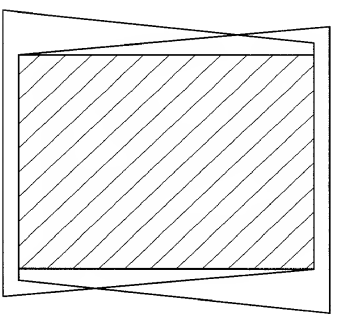
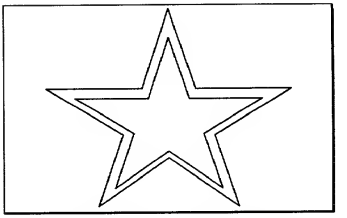
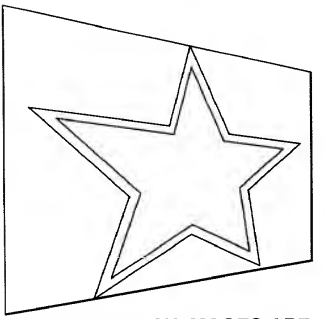


FIG.3A



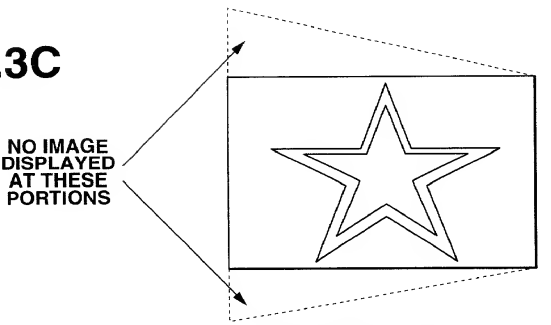
CASE IN WHICH IMAGES ARE PROJECTED ORTHOGONALLY WITH RESPECT TO SCREEN

FIG.3B



CASE IN WHICH IMAGES ARE PROJECTED AT AN INCLINE WITH RESPECT TO SCREEN

FIG.3C



STATE IN WHICH DISTORTION HAS BEEN CORRECTED

FIG.5

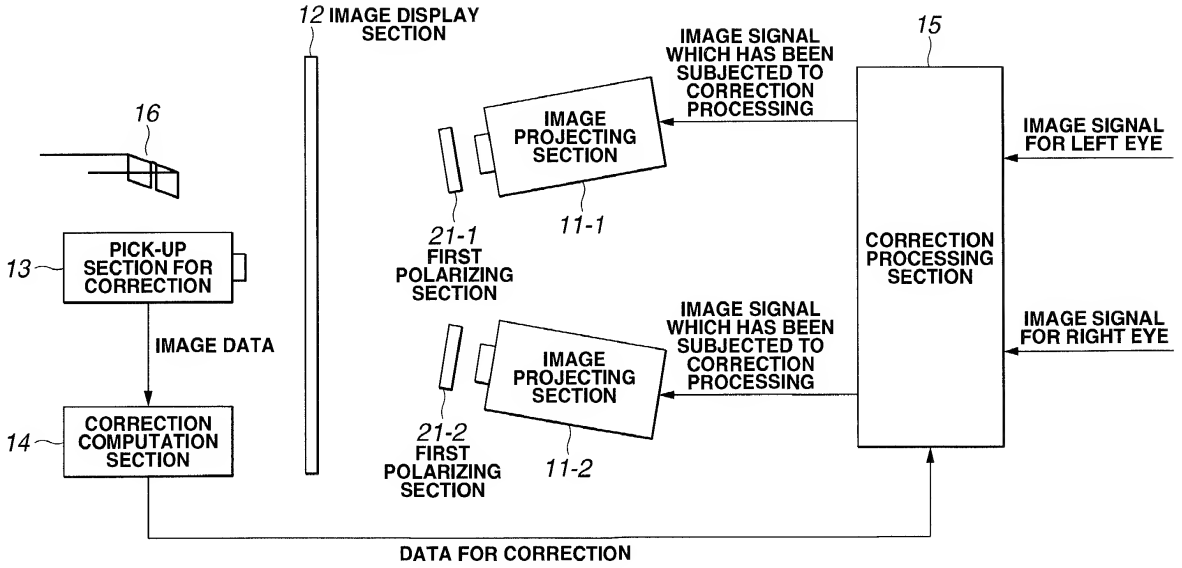

12 IMAGE DISPLAY SECTION
15
IMAGE SIGNAL WHICH HAS BEEN SUBJECTED TO CORRECTION PROCESSING
IMAGE PROJECTING SECTION
11-1
IMAGE SIGNAL FOR LEFT EYE
16
21-1 FIRST POLARIZING SECTION
13 PICK-UP SECTION FOR CORRECTION
CORRECTION PROCESSING SECTION
IMAGE SIGNAL WHICH HAS BEEN SUBJECTED TO CORRECTION PROCESSING
IMAGE SIGNAL FOR RIGHT EYE
IMAGE DATA
IMAGE PROJECTING SECTION
21-2 FIRST POLARIZING SECTION
11-2
14 CORRECTION COMPUTATION SECTION
DATA FOR CORRECTION

FIG.6

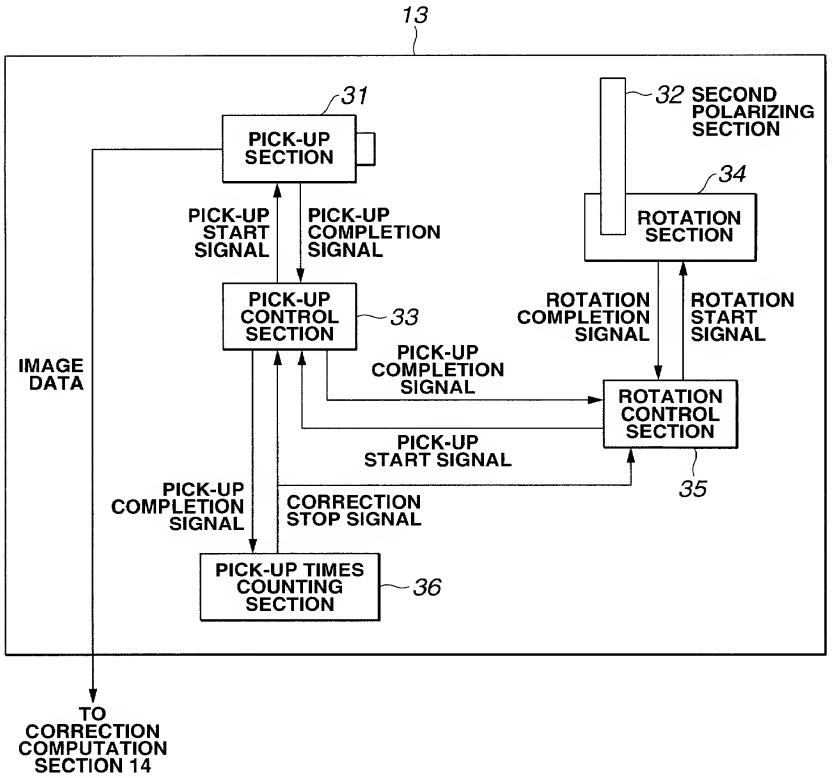

13
31
PICK-UP SECTION
32 SECOND POLARIZING SECTION
34
ROTATION SECTION
PICK-UP START SIGNAL
PICK-UP COMPLETION SIGNAL
PICK-UP CONTROL SECTION
33
ROTATION COMPLETION SIGNAL
ROTATION START SIGNAL
IMAGE DATA
PICK-UP COMPLETION SIGNAL
ROTATION CONTROL SECTION
PICK-UP START SIGNAL
35
PICK-UP COMPLETION SIGNAL
CORRECTION STOP SIGNAL
PICK-UP TIMES COUNTING SECTION
36
TO CORRECTION COMPUTATION SECTION 14

FIG.7

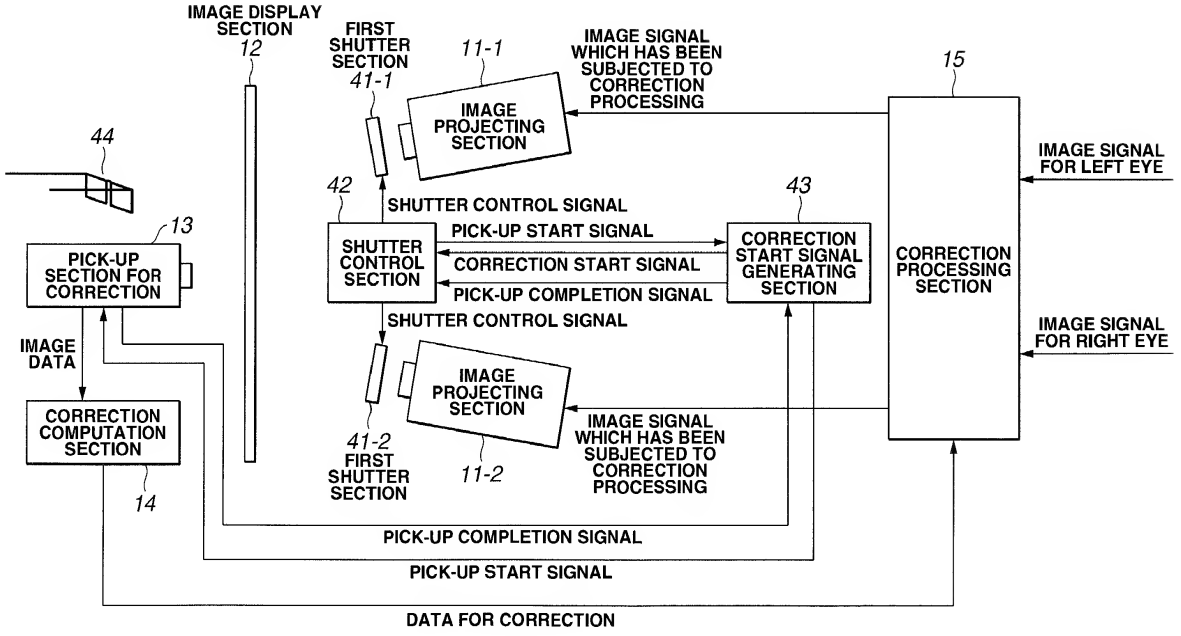


FIG.8

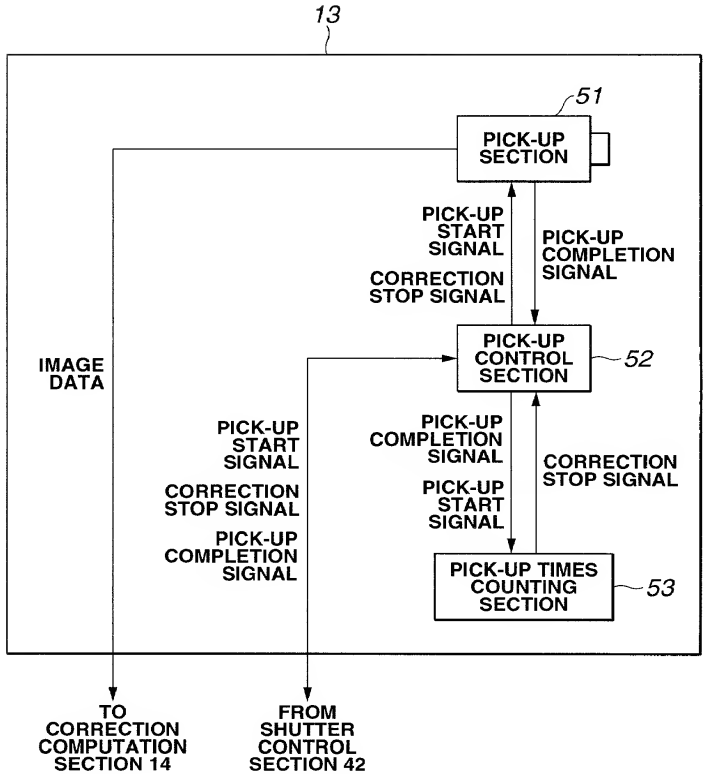

13
51
PICK-UP SECTION
PICK-UP START SIGNAL
CORRECTION STOP SIGNAL
PICK-UP COMPLETION SIGNAL
IMAGE DATA
PICK-UP CONTROL SECTION
52
PICK-UP START SIGNAL
CORRECTION STOP SIGNAL
PICK-UP COMPLETION SIGNAL
PICK-UP COMPLETION SIGNAL
PICK-UP START SIGNAL
CORRECTION STOP SIGNAL
PICK-UP TIMES COUNTING SECTION
53
TO CORRECTION COMPUTATION SECTION 14
FROM SHUTTER CONTROL SECTION 42

FIG.9

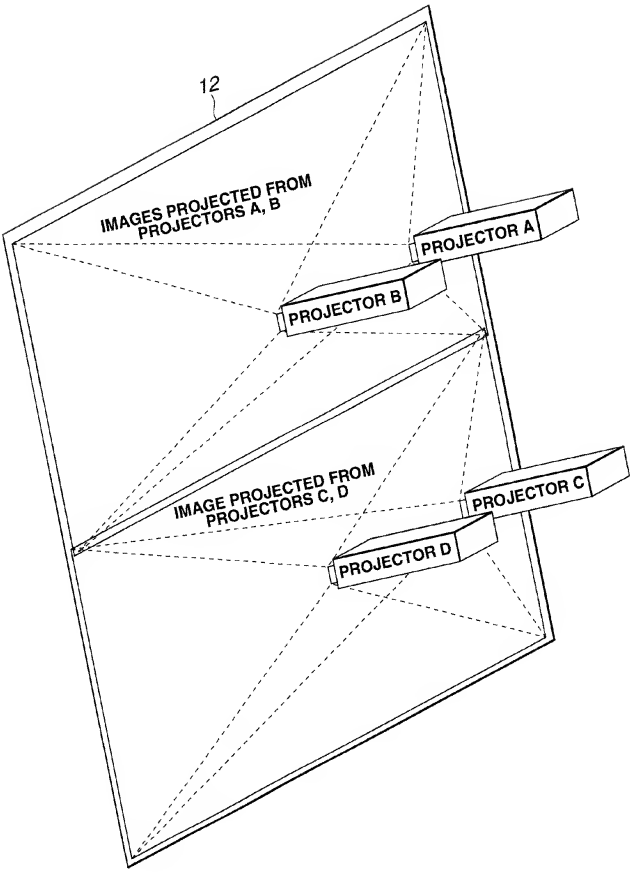
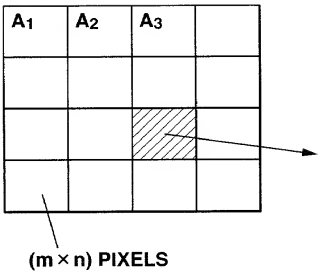

12
IMAGES PROJECTED FROM PROJECTORS A, B
PROJECTOR A
PROJECTOR B
IMAGE PROJECTED FROM PROJECTORS C, D
PROJECTOR C
PROJECTOR D

FIG.10



TOTAL SUM OF PIXEL VALUES OF BLOCK:
An (n IS A POSITIVE INTEGER)
TOTAL SUM OF R PIXEL VALUES IN BLOCK : R
TOTAL SUM OF G PIXEL VALUES IN BLOCK : G
TOTAL SUM OF B PIXEL VALUES IN BLOCK : B

ASSUME THAT THE TOTAL SUM (MINIMUM VALUE) OF PIXEL VALUES OF THIS BLOCK IS X

DETERMINE, AT CORRECTION COMPUTATION SECTION, DIFFERENCE (An - X) BETWEEN TOTAL SUM An OF PIXEL VALUES OF BLOCK AND MINIMUM VALUE X

⇩

SEND THIS VALUE (An - X) TO CORRECTION PROCESSING SECTION

⇩

DETERMINE AVERAGE VALUE (An - X)/mn FOR EACH PIXEL IN BLOCK, AND DETERMINE AVERAGE VALUE (An - X)/3mn FOR R, G, B OF EACH PIXEL IN BLOCK

⇩

SUBTRACT THIS VALUE (An - X)/3mn FROM R, G, B PIXEL VALUES OF EACH PIXEL IN BLOCK

FIG.11

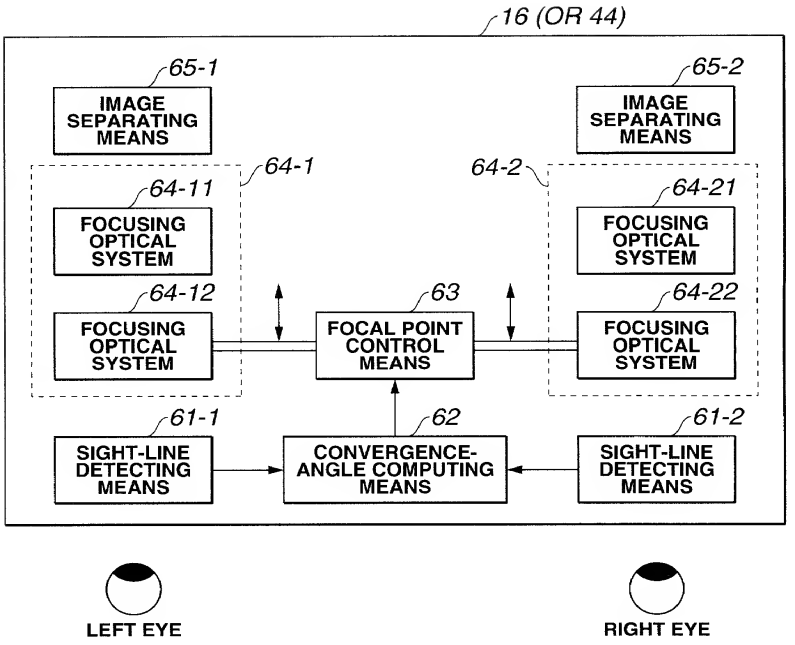

16 (OR 44)
65-1
IMAGE SEPARATING MEANS
65-2
IMAGE SEPARATING MEANS
64-1
64-2
64-11
FOCUSING OPTICAL SYSTEM
64-21
FOCUSING OPTICAL SYSTEM
64-12
FOCUSING OPTICAL SYSTEM
63
FOCAL POINT CONTROL MEANS
64-22
FOCUSING OPTICAL SYSTEM
61-1
SIGHT-LINE DETECTING MEANS
62
CONVERGENCE-ANGLE COMPUTING MEANS
61-2
SIGHT-LINE DETECTING MEANS
LEFT EYE
RIGHT EYE

FIG.12

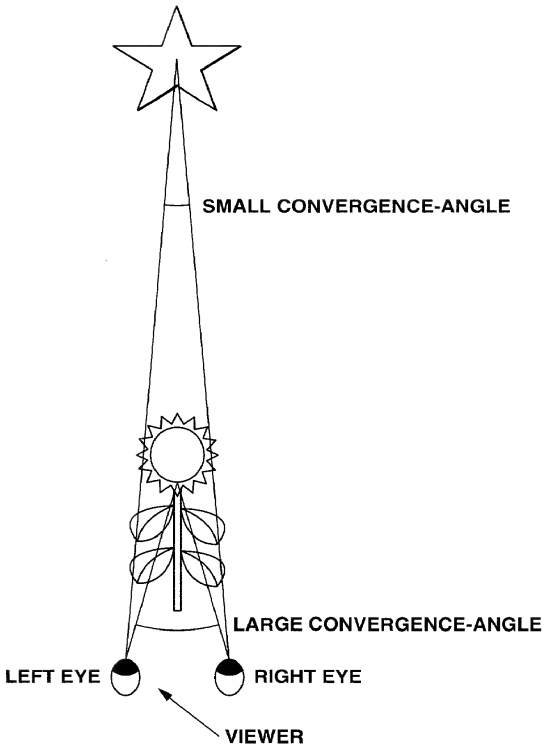
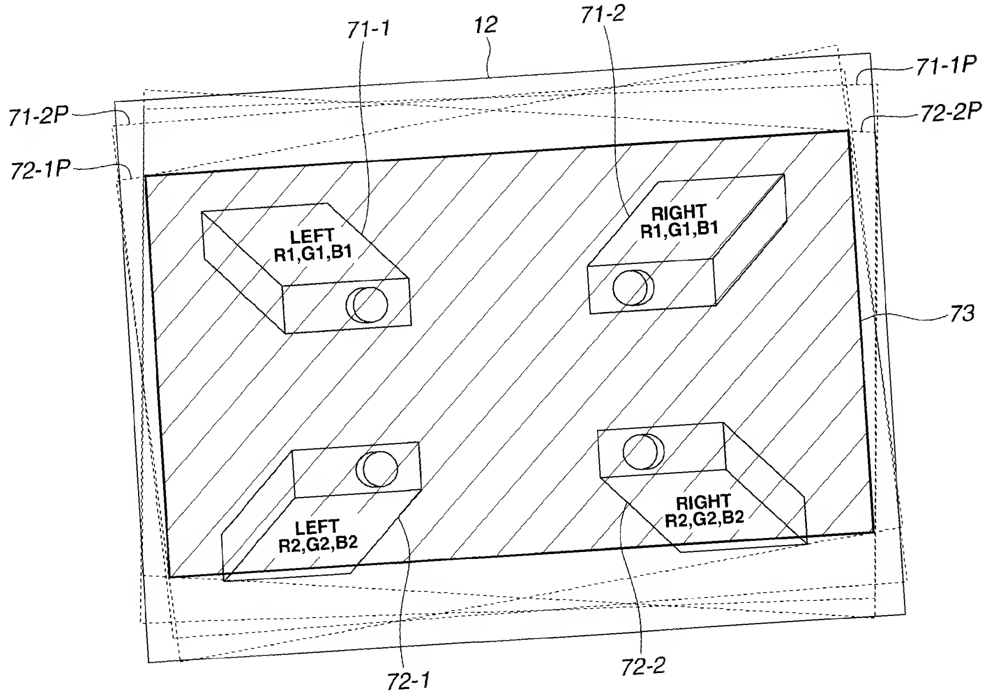

SMALL CONVERGENCE-ANGLE
LARGE CONVERGENCE-ANGLE
LEFT EYE
RIGHT EYE
VIEWER

FIG.13



71-1
12
71-2
71-1P
71-2P
72-2P
72-1P
LEFT
R1,G1,B1
RIGHT
R1,G1,B1
73
LEFT
R2,G2,B2
RIGHT
R2,G2,B2
72-1
72-2

FIG.14A

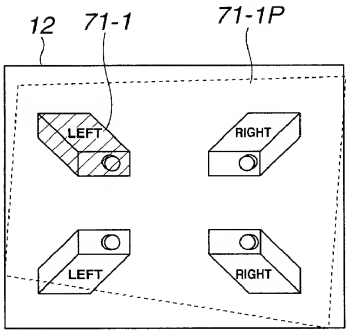


FIG.14C

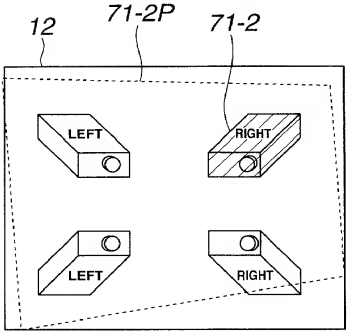


FIG.14B

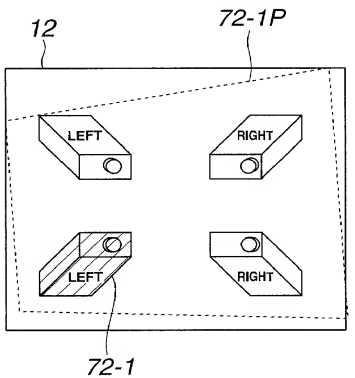


FIG.14D

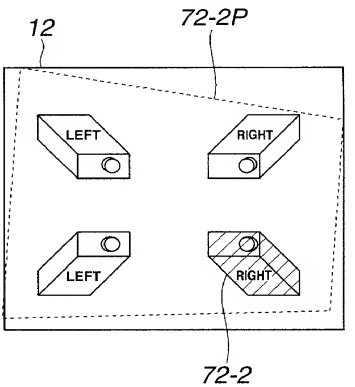


FIG.15

R1,G1,B1:THREE PRIMARY COLORS FROM PROJECTORS 71-1,71-2
R2,G2,B2:THREE PRIMARY COLORS FROM PROJECTORS 72-1,72-2
R0,G0,B0:THREE PRIMARY COLORS OF RGB BEFORE FILTERS ARE ATTACHED

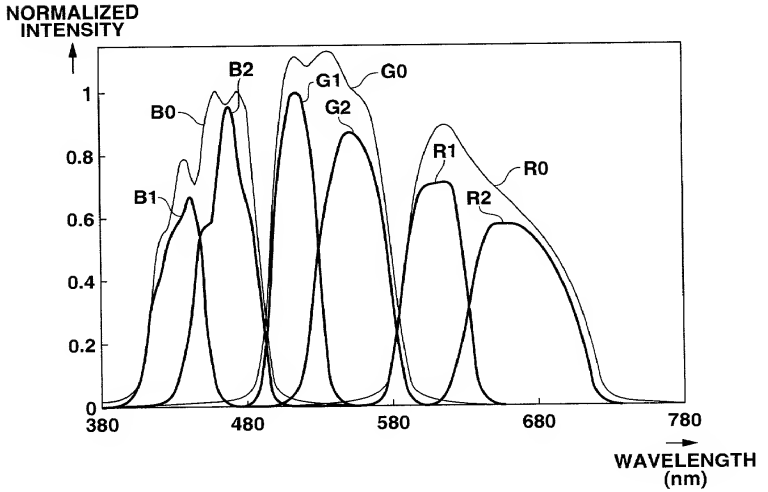


FIG.16

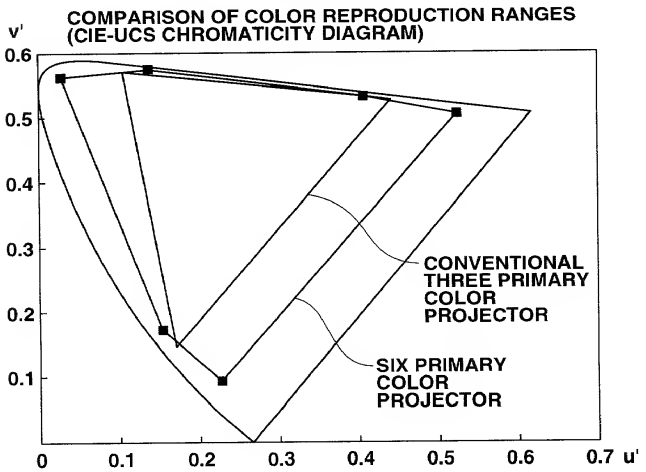


FIG.17A

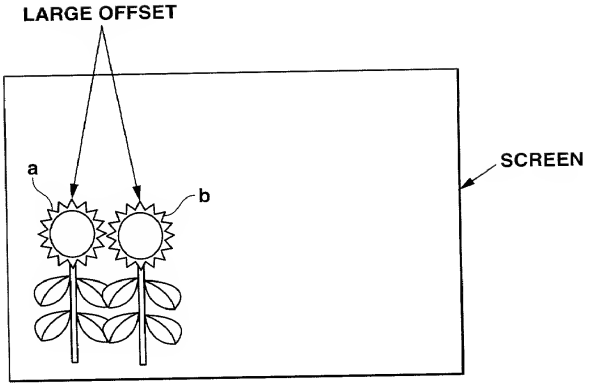


FIG.17B